WHAT IS CLAIMED IS:

1. A method comprising:

receiving status information concerning a size and location of a data packet;

receiving statistical information concerning a bus condition; and

storing the status information and the statistical information on a storage device using a single write procedure.

2. The method of claim 1 further comprising receiving the data packets from the data bus.

3. The method of claim 1 further comprising monitoring the status of the bus and generating the statistical information.

4. The method of claim 1 further comprising generating control information which specifies the storage location for each data packet.

5. The method of claim 4 further comprising storing the control information on the storage device.

6. The method of claim 5 further comprising storing each data packet on the storage device at the storage location specified by the control information.

7. The method of claim 5 further comprising retrieving the data packets stored on the storage device.

8. The method of claim 5 further comprising retrieving the status information stored on the storage device.

9. The method of claim 1 further comprising monitoring the data packets, generating the status information about the data packets, and providing the status information to the method.

10. A statistics reporting process comprising:

a status information process for receiving status information concerning a data packet;

a statistics information process for receiving statistical information concerning a bus condition; and

a unified write process for storing said status information and said statistical information on a storage device using a single write procedure.

11. The statistics reporting process of claim 10 further comprising an Input/Output (I/O) controller connected to a data bus; wherein said I/O controller receives from said data bus said data packets and said I/O controller monitors the status of said bus and generates said statistical information.

12. The statistics reporting process of claim 11 further comprising a control information write process for receiving control information which specifies a storage location where each said data packet is to be stored and storing said control information on said storage device.

13. The statistics reporting process of claim 12 further comprising a device driver process for generating said control information and providing it to said control information write process.

14. The statistics reporting process of claim 13 further comprising a packet write process for storing each said data packet on said storage device at said storage location specified by said control information.

15. The statistics reporting process of claim 14 further comprising:

a first communication bus for interfacing said device driver process and said statistics reporting process;

wherein said device driver process provides said control information to said control information write process via said first communication bus.

16. The statistics reporting process of claim 15 wherein said device driver process includes a packet retrieval process for retrieving said data packets stored on said storage device via said first communication bus.

17. The statistics reporting process of claim 15 wherein said device driver process includes a status retrieval process for retrieving said status information stored on said storage device via said first communication bus.

18. The statistics reporting process of claim 14 further comprising a second communication bus for interfacing said I/O controller and said statistics reporting process.

19. The statistics reporting process of claim 18 wherein said I/O controller includes a statistical information transmission process for providing said statistical information to said statistics information process via said second communication bus.

20. The statistics reporting process of claim 18 wherein said I/O controller includes a data transmission process for providing said data packets to said packet write process via said second communication bus.

21. The statistics reporting process of claim 18 wherein said I/O controller includes a status transmission process for monitoring said data packets, generating said status information concerning the size and condition of said data packets, and providing said status information to said status information process via said second communication bus.

22. The statistics reporting process of claim 10 wherein said storage device is a system memory.

23. The statistics reporting process of claim 22 wherein said system memory includes a Read Only Memory (ROM) and said statistics reporting process resides on said ROM.

24. The statistics reporting process of claim 10 wherein said storage device includes a dedicated memory area for storing

said statistical information, said control information, and said status information.

25. The statistics reporting process of claim 24 wherein said dedicated memory area includes:

a control information storage area for contiguously storing said control information, and

a status/statistical information storage area for contiguously storing said status information and said statistical information;

wherein said unified write process stores said status information and said statistical information using a single write procedure.

26. A computer program product residing on a computer readable medium having a plurality of instructions stored thereon which, when executed by the processor, cause that processor to:

receive status information concerning the size and location of the individual data packets;

receive statistical information concerning various bus conditions; and

store the status information and the statistical information on a storage device using a single write procedure.

27. The computer program product of claim 26 wherein said computer readable medium is a read-only memory.

28. A statistics reporting system comprising:

an Input/Output (I/O) controller connected to a distributed computing network; wherein said I/O controller receives data packets from said network, monitors the status of said network and generates statistical information concerning said network's condition;

a statistics reporting process comprising:

a status information process for receiving status information concerning a data packet;

a statistics information process for receiving said statistical information; and

a unified write process for storing said status information and said statistical information on a storage device using a single write procedure; and

a central processing unit (CPU) for executing said statistics reporting process which resides on a Read Only Memory.

29. The statistics reporting system of claim 28 wherein said statistics reporting process further includes:

a control information write process for receiving control information which specifies a storage location where each said data packet is to be stored and storing said control information on said storage device; and

a device driver process for generating said control information and providing it to said control information write process.

30. The statistics reporting system of claim 29 further comprising:

a first communication bus for interfacing said device driver process and said statistics reporting process; and

a second communication bus for interfacing said I/O controller and said statistics reporting process.